

AMENDMENTS TO THE CLAIMS

The following claims replace all prior versions and listings of claims in the application:

1. (currently amended) A method for identification of memory address allocation conflicts of a plurality of finite buffers within a defined memory space, comprising the steps of:

entering a list of said finite buffers and corresponding memory address allocations;

scanning said memory address allocations from a first memory address to a second memory address within said defined memory space;

creating a link list of primary memory addresses correlating to the start and end of each of said finite buffers;

creating an ordered list of said primary memory addresses and corresponding buffers which include said addresses from said link list of primary ~~address-list~~ memory addresses.

2-5. (Cancelled)